


UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. M4065.0717/P717-A	
		First Inventor Tongbi Jiang	
		Title TOTAL INTERNAL REFLECTION (TIR) CMOS IMAGER	
		Express Mail Label No.	

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>	ADDRESS TO: MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small> 2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small> 3. <input checked="" type="checkbox"/> Specification [Total Pages 34] <small>(preferred arrangement set forth below)</small> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 10] 5. Oath or Declaration [Total Sheets 4] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small> 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. <input checked="" type="checkbox"/> Copy Assignment Papers (cover sheet & document(s)) 10. <input checked="" type="checkbox"/> Copy 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Copy Power of Attorney <small>(when there is an assignee)</small> 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input checked="" type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other:
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18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: 10/373,785 Prior application information: Examiner D. Kang Art Unit: 2811	
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.	

19. CORRESPONDENCE ADDRESS	
<input checked="" type="checkbox"/> Customer Number: 24998	OR <input type="checkbox"/> Correspondence address below
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Signature 	Date January 15, 2004



13281 U.S. PTO
011504

FEE TRANSMITTAL for FY 2004 <small>Effective 10/01/2003, Patent fees are subject to annual revision.</small>		Complete if Known	
		Application Number	Not Yet Assigned
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	Concurrently Herewith
		First Named Inventor	Tongbi Jiang
		Examiner Name	Not Yet Assigned
		Art Unit	N/A
TOTAL AMOUNT OF PAYMENT (\$)		1,216.00	Attorney Docket No. M4065.0717/P717-A
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)	
<input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES	
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 04-1073 Deposit Account Name: Dickstein Shapiro Morin & Oshinsky LLP		Large Entity Small Entity	
The Director is authorized to: (check all that apply)		Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments		1051 130 2051 65 Surcharge - late filing fee or oath	
<input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s)		1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet.	
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1053 130 1053 130 Non-English specification	
1. BASIC FILING FEE		1812 2,520 1812 2,520 For filing a request for <i>ex parte</i> reexamination	
Large Entity Small Entity		1804 920* 1804 920* Requesting publication of SIR prior to Examiner action	
Fee Code Fee (\$)	Fee Code Fee (\$)	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action	
1001 770 2001 385	Utility filing fee	1251 110 2251 55 Extension for reply within first month	
1002 340 2002 170	Design filing fee	1252 420 2252 210 Extension for reply within second month	
1003 530 2003 265	Plant filing fee	1253 950 2253 475 Extension for reply within third month	
1004 770 2004 385	Reissue filing fee	1254 1,480 2254 740 Extension for reply within fourth month	
1005 160 2005 80	Provisional filing fee	1255 2,010 2255 1,005 Extension for reply within fifth month	
SUBTOTAL (1) (\$) 770.00		1401 330 2401 165 Notice of Appeal	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1402 330 2402 165 Filing a brief in support of an appeal	
Total Claims 40 -20** = 20 x 18.00 = 360.00		1403 290 2403 145 Request for oral hearing	
Independent Claims 4 -3** = 1 x 86.00 = 86.00		1451 1,510 1451 1,510 Petition to institute a public use proceeding	
Multiple Dependent		1452 110 2452 55 Petition to revive - unavoidable	
Large Entity Small Entity		1453 1,330 2453 665 Petition to revive - unintentional	
Fee Code Fee (\$)	Fee Code Fee (\$)	1501 1,330 2501 665 Utility issue fee (or reissue)	
1202 18 2202 9	Claims in excess of 20	1502 480 2502 240 Design issue fee	
1201 86 2201 43	Independent claims in excess of 3	1503 640 2503 320 Plant issue fee	
1203 290 2203 145	Multiple dependent claim, if not paid	1460 130 1460 130 Petitions to the Commissioner	
1204 86 2204 43	** Reissue independent claims over original patent	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)	
1205 18 2205 9	** Reissue claims in excess of 20 and over original patent	1806 180 1806 180 Submission of Information Disclosure Stmt	
SUBTOTAL (2) (\$) 446.00		8021 40 8021 40 Recording each patent assignment per property (times number of properties)	
**or number previously paid, if greater; For Reissues, see above		1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))	
		1810 770 2810 385 For each additional invention to be examined (37CFR 1.129(b))	
		1801 770 2801 385 Request for Continued Examination (RCE)	
		1802 900 1802 900 Request for expedited examination of a design application	
		Other fee (specify)	
		*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00	
SUBMITTED BY		(Complete (if applicable))	
Name (Print/Type)	Thomas J. D'Amico	Registration No. (Attorney/Agent)	28,371
Signature		Telephone	(202) 828-2232
		Date	January 15, 2004